

PATENT ABSTRACTS OF JAPAN

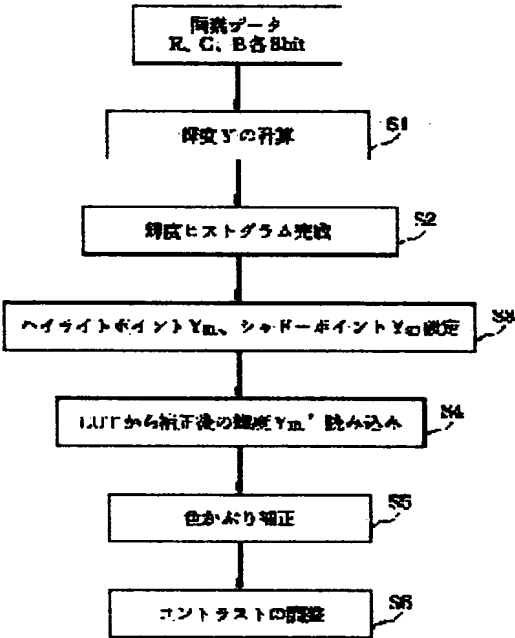
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(54) PICTURE PROCESSING METHOD, PICTURE PROCESSOR AND RECORDING MEDIUM

(57)Abstract:  
PROBLEM TO BE SOLVED: To properly set a highlight point, to realize highly precise correction and to provide a satisfactory output picture.  
SOLUTION: In the picture processing method, the histogram of an input picture is generated based on a color component showing brightness and the highlight point of the input picture is detected based on the generated histogram. A corrected highlight point is obtained in accordance with the detected highlight point and the input picture is color-corrected based on the detected highlight point and the corrected highlight point.



LEGAL STATUS

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**\*NOTICES \***

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- 1.This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.\*\*\*\* shows the word which can not be translated.
- 3.In the drawings, any words are not translated.

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**CLAIMS**

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**[Claim(s)]**

[Claim 1] The image-processing approach of carrying out creating the histogram of an input image based on the color component shown in brightness, detecting the highlights point of said input image based on said created histogram, asking the highlights point after amendment according to said detected highlights point, and carrying out color correction to said input image based on said detected highlights point and the highlights point after said amendment as the description.

[Claim 2] The image-processing approach according to claim 1 characterized by having the table which stores the response relation between the detected highlights point and the highlights point after amendment.

[Claim 3] It has a table corresponding to two or more highlights point detection approach and each highlights point. Choose the highlights point according to the property of a subject-copy image, and the table corresponding to the highlights point detection approach of having asked for said selected highlights point is used. The image-processing approach characterized by asking for the highlights point after the amendment corresponding to said selected highlights point, and performing color correction based on said selected highlights point and highlights point after said amendment.

[Claim 4] The image-processing approach according to claim 3 characterized by including the approach of using a brightness histogram, and the approach using the histogram which accumulated the average of the signal value of RGB in said two or more highlights point detection approaches.

[Claim 5] A creation means to create the histogram of an input image based on the color component which shows brightness, A detection means to detect the highlights point of said input image based on said created histogram, The image processing system characterized by having a means to ask for the highlights point after amendment according to said detected highlights point, and a color correction means to perform color correction to said input image based on said detected highlights point and the highlights point after said amendment.

[Claim 6] It is the record medium with which a computer records a program possible [ reading ]. Based on the color component which shows brightness, create the histogram of an input image, and it is based on said created histogram. Detect the highlights point of said input image and it asks for the highlights point after amendment according to said detected highlights point. The record medium characterized by recording the program which performs color correction to said input image based on said detected highlights point and the highlights point after said amendment.

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[Translation done.]